4-7-48

1948 **File No.** 2858/36/11

P. W. **DEPARTMENT**

B CLASS E (I) **BRANCH**

Subject:— Malariology for Engineers
Course of instructions arranged
by the Malaria Institute
of India.

V.

BIK 1745

File No. 2858/36 II E(I)

Ed. Sectt. Slip 91 A

G R., G D., No 2408, dated 22-6-22.]

Correspondence

DOCKET SHEET (B)

Subject :—

File No. 2858/36 II

P. W DEPT.

E(I) BRANCH.

References :—

Date.	To whom sent.	Notes and instructions.

PROGRAMME OF MALARIA COURSE FOR ENGINEERS.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY.
7-9- a.m.	FIELD DEMONSTRATION OF DELHI MALARIA PROBLEMS			FIELD DEMONSTRATION OF CONTROL MEASURES.		
10- 11 a.m.	LECTURE Object and scope of course. History and importance of malaria.	LECTURE How malaria is transmitted The parasites of malaria.	LECTURE Factors influencing the incidence of malaria-Topography temperature, humidity, rainfall, economic, conditions, etc.	LECTURE Principles and economics of anti-malarial sanitation. Cost of permanent and recurring control measures.	LECTURE Special malaria problems. Malaria and irrigation. Malaria and rice cultivation.	LECTURE Treatment of malaria Methods of personal pro-phylaxis and prevention of malaria among labour forces.
11 a. m. 12 noon.	Museum DEMONSTRATION	LABORATORY DEMONSTRATION Malaria parasites in the blood and in mosquitoes.	Laboratory De-monstration-Mosquitoes -egg, larva, pupa, and adult stages.	Museum DEMONSTRATION Methods of Malaria contol.	MUSEUM DEMONSTRATION Apparatus used in malaria control work.	CINEMA FILM Malaria control methods in Malaya.
12 noon 1 p.m.	LECTURE Malaria problems in Delhi.	LECTURE CINEMA FILM Life history of the mosquito	LECTURE Malaria control. spraying of wellings with insecticides. Application of oil & paris green.	LECTURE Malaria control Drainage open and sub-soil.	LECTURE Malaria control Drainage (contd) and naturallistic control measures.	LECTURE Revision and general discussion.

60 copies
PP/ 22-4-48.

P. R. I. O R I T Y.

No. F.4-10/48-PHI

Government of India.

Ministry of Health.

New Delhi, the 15th April, 1948.

From

P. S. Doraswami, Esquire, B. A.,

Assistant Secretary to the Government of India,

To

All Provincial Governments and Local

Administrations, (including Andamans).

Subject: Malaria Course for Engineers -1948.

Sir,

I am directed to say that it is proposed to hold another malar-- course for thirty Engineers of class I at the Malaria Institute of India, 22 Alipore Road, Delhi, lasting for about a week from the 18th to the 23rd October 1948, on the same lines as the course held in August, 1947. A copy of the programme of the course followed last year is enclosed. The same programme will be followed ~~last year~~ this year. No tuition fee will be charged, but the travelling and other allowances of the Officers attending the course will have to be met by the authorities nominating them.

2. The Government of India will be glad if the names of the Officers, whom the Provincial Government may desire to depute at their expense, you the expense of the local Administration to attend the course are communicated in order of preference direct to the Director, Malaria Institute of India, Delhi, not later than the 15th August, 1948.

3. Sometimes the nomiting authorities cancel their nominations at the eleventh hour making it difficult for the Director of the Institute to select other students from the waiting list in time for attending the course It is, therefore, requested that cancellations of nominations may be intimat to the Director, Malaria Institute of India, Delhi at least one month before the commencement of the course.

I have the honour to be,

Sir,

Your most obedient servant,

Sd/-

Assistant Secretary.

No. F. 4-10/48-PH/HI

Copy, with a copy of the enclosure, forwarded to the Ministry of Labour/Ministry of Works, Mines and Power/Ministry of Railway(Railway Board) /Ministry of States, for information (and communication to the important Indian States) in continuation of this Ministry's endorsement No. F.4-12/47-PHI, dated the 18th April, 1947. It is suggested that such communication on the subject as that Ministry may wish to make should be addressed to the Director, Malaria Institute of India, Delhi, direct.

( ) To States Ministry only.

- -

Copy forwarded to the Director General of Health Services/Director, Malaria Institute of India, Delhi for information (with reference to his letter No. 16-3/48-PH.III, dated the 5th April, 1948).

( ) To D. G. H. S. only.

By order,

Sd/-

(P. S. Doraswami)

Assistant Secretary.

60 copies.
PP /12-4-48.

P. W. D.

E. B. (I).

Copy may be sent to the Chief Secy.

Id/-

23-4-48.

Id/ D. K. G.

23-4-48.

2858/36/2058.

P. W. Deptt.

E. B. (I).

Submitted.

2. The Govt. of India proposes to hold a Malaria course for thirty Engrs. of Cl. I at Delhi, in October this year. That Govt. has requested ~~that~~ this Govt. to communicate direct to the Director of the Malaria Institute of India, at Delhi, the names of officers, in order of preference, that this Govt. would like to depute for the course. The course will last for about a week from the 18th to the 23rd October 1948. The T. A. and other allowances of the officers attending the course will have to be borne by this Govt.

3. A similar course was held by the Malaria Institute of India, at Delhi in August 1947, and this Govt. had deputed Mr. K. H. Joshi for the course, vide G. L. No.2858/36-E(I) dated the 10-6-47.

5. It is for orders whether nomination should be called for from the local officers. The number of the officers to be deputed may please be indicated.

6. The Director, Malaria Institute of India, Delhi, is to be supplied with this ~~X~~ information not later than the 15th August 1948.

Id/-

13-5-48.

We should call 2 names for each circle. Ultimate number to be deputed for training can be decided later.

Illegible

14-5-48.

Id/-

17-5-

H. H. P. EW. D. Id/-
22/5/48-

Write immediately pl.

Illegible

27-5-48.

Very Urgent.
No. 2858/36-II-E(I). Letter. Public Works Department.

Bombay Castle, 1st June 1948.

To

The Superintending Engineers of Circles.

Subject:- Malaria Course for Engineers - 1948.

- - - - -

Reference: Government of India, Ministry of Health, letter No. F. 4-10/48-PHI, dated the 15th April 1948, and its accompaniment (copies enclosed).

2. Please nominate two suitable officers of the Bombay Service of Engineers, Class I, from your Circle, who can be deputed for the course in question. Nominations should reach Government by the 1st July 1948.

By order of the Governor of Bombay.

Id/-

1/6/48.

Assistant Secretary to the Government of Bombay.

Public Works Department.

D.A. Copies referred to.

2858/36/33406

P. W. Deptt.

E. B. (I).

Submitted with reference to G. L. No. 2858/36-II-E(I) dated the 1-6-48.

2. The S.Es., C.C. and S. I. C. have reported that there is no suitable Class I Officer in their Circles who can be deputed for the Malaria Course of Engrs. to be held by the Govt. of India at Delhi in August 1948. The S. Es., N. C., E. C., D. I. C. and B. C. have submitte the following nominations for deputation to the course:-

Circle.	Nomination.
N. C.	Mr. V. W. Gothoskar, Ex.Engr., Irrign. Projects Dn. (North).
	Mr. D. S. Borkar, Ex.Engr., Surat & Broach Dn
E. C.	Mr. N. K. Noble, tempy. Ex. Engr.
D. I. C.	Mr. J. P. Bhagwanwala, Ex.Engr., P. I. & R.Dn
S.C.	Mr. V. R. Deuskar, Asstt.Engr.(I), S. D. O., Roads & Bldgs. Sub-dn., Dharwar.
B. C.	Mr. N. C. Patel, Ex. Engr., Presy.Dn.
	Mr. A. R. Raichur, Asstt. Engr.(I) on probation.

It may be mentioned that Mr. N. K. Noble is a tempy. Ex. Engr.

3. It is for consideration who may be deputed for the Malaria Course. Three officers were deputed for a similar course in 1941 and one viz. M. K. N. Joshi in the year 1947.

Id/-

5-7-48

I suggest Mr. Raichur who is just joining N. C.

Id/-

5/7/

Sec. (R. & B)

Id/-

7/7

2858/36/33406 P. W. Deptt.

E. B. (I).

Resubmitted with a draft for approval.

2. It is presumed that Mr. Raichur will have to be asked to suggest steps to be taken for the prevention of Malaria. The necy. addition has been made to the draft endt..

3. The F. D. may see the draft u. o. before issue.

Id/-

9-7-48.

The presumption in para. 2 is not correct. The course will give him ideas about anti~~m~~malarial mechanical means which can be applied to irrigation works so that they may not be a source of malaric trouble.

Id/-

8/7

Immediate.

U. O. R. to the F. D. dated the 9.7.48.

Finance Department.

We may agree to the proposal of the P. W. D.

Id/-

10/7

u. o. r. to P. W. D. dt. 10-7-48.

No. 2859/36-II-E(1). P. W. Deptt.

B. C., 16th July, 1948.

To

The Director,

Malaria Institute of India,

22, Alipore Road, Delhi.

Subject:-Malaria course for Engrs. 1948.

Sir,

With reference to the Govt. of India, Ministry of Health, letter No. F.4-10/48-P. H. I., dated the 15-4-48, I am directed to state that Mr. A. R. Raichur, B. E., has been nominated by this Govt. to attend the Malaria course to be held at the Malaria Institute of India, Delhi, from the 18th to the 23rd Oct. 1948.

D. A. Nil. Yours faithfully,

Copy to -

the Asstt. Secy. to the Govt. of I., Ministry of Health.

the H. & L. S. S.

the F. D.,

the A. G. , Bombay (thro. the F. D.),

the S. E., N. C. with ref. to his letter No. G.49/5733.

dated the 23-6-48.

2. The S. E., N. C. is requested to inform Mr. Raichur that he will, on return from the course, have to suggest steps to be taken for the prevention of malaria in the N. C.

Id/-

8-7-48.

2858/36/37403.

E. B. (I). P. W. D.

Submitted with ref. to the o.n. dt. the 8.7.48.

2. In view of the notes recorded at p. 28 ante, the draft at pp. 29-30 may issue, as modified below.

For para 2 of the draft ltr. dt. the following may be substituted.

"2. The S. E. N. C. is requested to inform Mr. Raichur that the course will give him ideas about anti-malarial measures which can be applied to irrigation works so that they may not be a source of malaria trouble".

Id/- Id/-

14-7-48. 14/7/

No. 2858/36-II-E(I).

Bombay Castle, 16th July, 1948.

From

B. S. Vyas, Esquire, B. E., M. I. E. (Ind.), M.S.E.,
Secretary to the Government of Bombay,
Public Works Department(Roads and Buildings).

To

The Director,
Malaria Institute of India,
22, Alipore Road, Delhi.

Subject :- Malaria course for Engineers 1948.

Sir,

With reference to the Government of India, Ministry of Health letter No.F.4-10/48- P.H.I., dated the 15th April, 1948, I am directed to state that Mr. A. R. Raichur, B. E., has been nominated by this Government to attend the Malaria course to be held at the Malaria Institute of India, Delhi, from the 18th to the 23rd October, 1948.

Yours faithfully,

Id/-

for Secretary to the Government of Bombay,
Public Works Department.

DA Nil

Copy to -

the Assistant Secretary to the Government of India,

Ministry of Health,

the Health and Local Government Department,

the Finance Department,

the Accountant General, Bombay (through the Finance Department),

the Superintending Engineer, Northern Circle with reference to his letter No.G.49/5733 dated the 23rd June 1948.

2. The Superintending Engineer, Northern Circle is requested to inform Mr. Raichur that the course will give him ideas about anti-malarial measures which can be applied to irrigation works so that they may not be a source of malaria trouble.

Please acknowledge the receipt of this letter and also inform this office

No. 6198

REGISTERED

MALARIA INSTITUTE OF INDIA,

22, Alipore Road,

From

Old Delhi/Dated 8-9-48.

The Director,

Malaria Institute of India.

To

The Secretary to the Govt, of Bombay,

Public Works Department, Road and Buildings,

BOMBAY CASTLE.

Memo.

Subject: Malaria Course for Engineers.
Reference your letter No. 2858/36-II-E(I), dated 16-7-1948.

The following officer nominated by you has been selected for the next Malaria Course for Engineers to be held at this Institute from 18.10.48 to 23.10.1948. He should be instructed to report at this Institute at 9.0 a.m. on 18.10.48 when the course commences.

Mr. A. R. Raichur, B. E.,

Please acknowledge the receipt of this letter and also inform this office whether he is definitely attending the course.

Sd/-

M.B.B.S.,
for Director.

Copy together with a copy of Instructions to students forwarded for information and guidance to Mr. A. R. Raichur, B. E., C/o the Secretary to the Govt. of Bombay, P.W.D., Road and Buildings, Bombay Castle.

2858/36/49527

E. B. (I). P. W. D.

Submitted for information,

2. In view of G. L. No. 2858/36-E(I), dt. the 16-7-48, it is for orders whether it may be presumed that Mr. Raichur will definitely be attending the Malaria Course on whether he may be requested to report direct to the Director, Malaria Institute of India, under intimation to this office as to whether he is attending the course. One receipt of orders, the Director will be informed accordingly. : A

Id/-
16-9-48.

Mr. Raichur is expected to go. Nor has he made any objection. At at A. Inform Director with copy to Mr. Raichur.

Id/-

E. B. (I).

Resubmitted.

2. The necy. draft is put up.
Id/-
17-9-48. Where is the copy with instructions, intended for Mr. Raichur?

Id/-
18/9/48.

No. 2858/36-II-E(I). Public Works Department,

Bombay Castle, 22nd September 1948.

From

Khan Sahib D. M. Daruwala, B. Com.,
Assistant Secretary to the Government of Bombay,
Public Works Department.

To

The Director,
Malaria Institute of India,
22, Alipore Road,
Old Delhi.

Subject :- Malaria Course for Engineers.

Sir,

I am directed to acknowledge the receipt of your memorandum No. 6193, dated the 8th September 1948, and to state that Mr. A.R.Raichur, B.E., Assistant Engineer (I) on probation, will be attending the Malaria Course.

Yours faithfully,

Id/-
Assistant Secretary to the Government of Bombay,
Public Works Department.

Copy forwarded to -
the Superintending Engineer, Northern Circle,
the Executive Engineer, Irrigation Projects Division (North),
A. R. Raichur, Esquire, B. E., Assistant Engineer (I) on probation,

for information and necessary action.

B.V. Nevagi
5/7/52